

## Section 4: Drills

☐ **Fire Drill:**

Initial notifications	Familiarity with duties	Space isolation
General alarms / signals	Familiarity with equipment	Smoke control
Crew response	Fire pumps started	Arrange care of passengers
Properly dressed / equipped	Two jets of water	Communications w/ bridge
Language understood by crew	Fire doors and dampers	

- ☐ Test main and emergency fire pumps at 2 hose stations (one as high as possible, and one as far from high hose station as possible)

(SOLAS 74/78 III/18.3; MSM Vol. II/D5.C.7.i; NVIC 6-91)

Location: \_\_\_\_\_ Time on Scene: \_\_\_\_\_

Notes: \_\_\_\_\_

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on the right side, suggesting it's resting on a surface.

☐ **Abandon Ship Drill:**

General alarms / signals	Familiarity with duties	Boat release
Muster lists	Provide equipment	Boat operation
Muster of crew / passengers	Familiarity with equipment	Egress procedures
Crew response	Lower lifeboat	Davit-launched liferaft drill
Language understood by crew	Brake operation	Communication w/ bridge
Lifejackets	Engine start	Lighting

- ☐ Number of lifejackets spot-checked      Adults \_\_\_\_\_      Children \_\_\_\_\_

(SOLAS 74/78 III/18.3; MSM Vol. II/D5.C.7.h)

Location: \_\_\_\_\_ Time to Water: \_\_\_\_\_

Notes: \_\_\_\_\_

[illegible]

### Section 3: Examination Items

#### **Vessel Security and Terminal Security Measures:**

**NOTE:** Guidance on vessel / terminal security measures is detailed in NVIC 3-96.

- ☐ Security guards
- ☐ Baggage screening procedures
- ☐ Passenger and crew safety / security measures
- ☐ Terminal physical security measures
- ☐ Procedures for loading ship provisions

#### **General Walk-through of Vessel Spaces:**

- ☐ Spaces examined to ensure no modifications have taken place, and for the existence of safety hazards
  - Engineroom
  - Machinery spaces
  - Galley
  - Accommodation spaces
- ☐ Watertight doors
  - Local control by hand No. \_\_\_\_\_
  - Local control by power No. \_\_\_\_\_
  - Remote control by hand No. \_\_\_\_\_
  - Remote control by power No. \_\_\_\_\_
  - Total installed \_\_\_\_\_
- ☐ Fire doors
- ☐ Portable fire extinguishers
- ☐ Fire stations
- ☐ Sprinkler stations

Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Nonconforming Vessel.** Any vessel failing to comply with one or more applicable requirements of U.S. law or international conventions is a nonconforming vessel. A nonconforming vessel is not necessarily a substandard vessel unless the discrepancies endanger the vessel, persons on board, or present an unreasonable risk to the marine environment.

**Substandard Vessel.** In general, a vessel is regarded as substandard if the hull, machinery, or equipment, such as lifesaving, firefighting and pollution prevention, are substantially below the standards required by U.S. laws or international conventions, owing to:

- The absence of required principal equipment or arrangement;
- Gross noncompliance of equipment or arrangement with required specifications;
- Substantial deterioration of the vessel structure or its essential equipment;
- Noncompliance with applicable operational and/or manning standards; or
- Clear lack of appropriate certification, or demonstrated lack of competence on the part of the crew.

If these evident factors as a whole or individually endanger the vessel, persons on board, or present an unreasonable risk to the marine environment, the vessel should be regarded as a substandard vessel.

**Valid Certificates.** A certificate that has been issued directly by a contracting government or party to a convention, or on the behalf of the government or party by a recognized organization, and contains accurate and effective dates, meets the provisions of the relevant convention, and corresponds to the particulars of the vessel and its equipment.

## Certificates and Documents:

<input type="checkbox"/>	Safe Manning Document	SOLAS 74/78 V/13 IMO Res.A.481(XII)
	<ul style="list-style-type: none"> <li>Manning in accordance with document <b>NOTE:</b> If vessel does not have a Safe Manning Document or is not manned in accordance with Safe Manning Document, local Consulate must be contacted and the deficiency resolved prior to vessel's departure from port.</li> <li>Review copy of crew list</li> </ul>	
<input type="checkbox"/>	Lifeboatmen certificates	SOLAS 74/78 III/10
<input type="checkbox"/>	Liferaft servicing certificate	SOLAS 74/78 III/19.8
<input type="checkbox"/>	Fire extinguishing certificate	SOLAS 74/78 II-2/6
<input type="checkbox"/>	SOLAS training manual	SOLAS 74 III/51
	<ul style="list-style-type: none"> <li>Contents</li> <li>Availability to crew</li> </ul>	
<input type="checkbox"/>	Exemptions to SOLAS certificates	SOLAS 74/78 I/4
<input type="checkbox"/>	Muster lists and emergency instructions	SOLAS 74 III/53 SOLAS 74 III/50
	<ul style="list-style-type: none"> <li>General emergency alarm signal</li> <li>Process for ordering abandon ship</li> <li>Duties assigned to crew members</li> <li>Duties of crew in relation to passengers</li> <li>Officers assigned to ensure lifesaving appliances are maintained in good condition and ready for immediate use</li> <li>Substitutes for disabled key persons</li> <li>Approved format</li> </ul>	

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

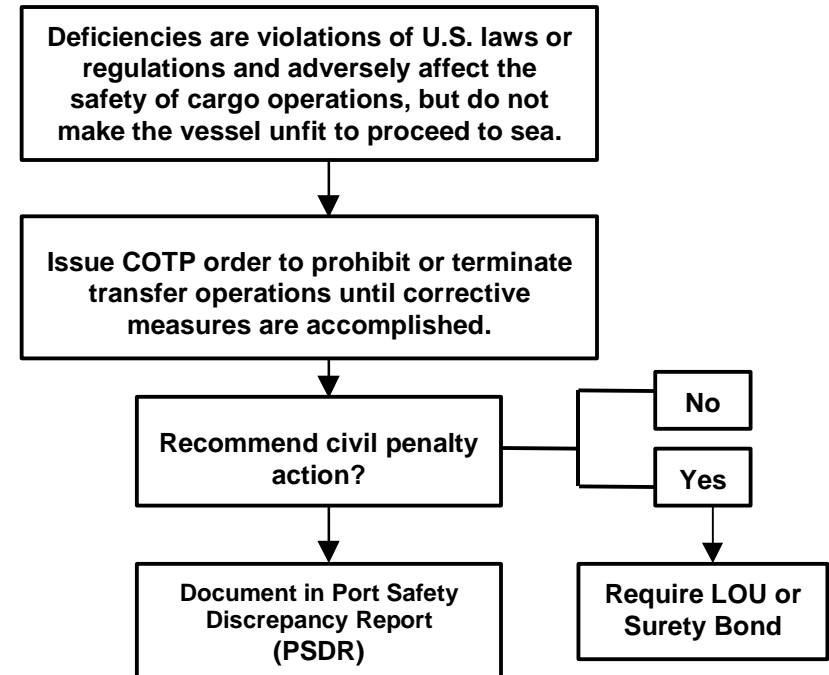
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Requiring Corrective Measures Prior to Cargo, Bunkering or Lightering Operations

### **(NO DETENTION)**



Examples include the following:

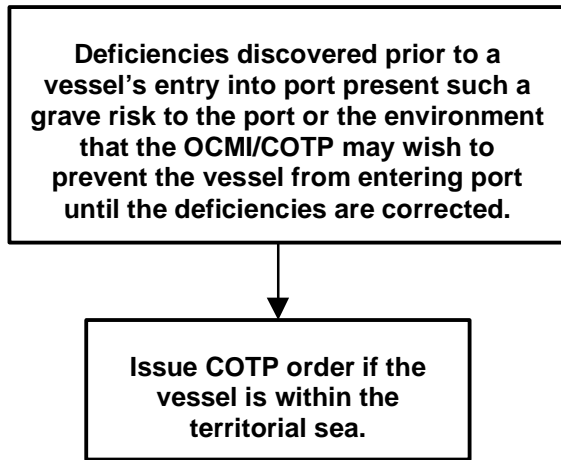
- Oil transfer procedures incomplete.
- Information on properties and hazards of cargoes not on board.
- High and low level alarms inoperative.

## Section 2: Certificates and Documents

### International Certificates:

Name of Certificate	Issuing Agency	ID #	Port Issued	Issue Date	Exp. Date	Endors. Date
<b>Certificate of Registry</b> No Change						
<b>Classification Document</b> No Change						
<b>Certificate of Financial Responsibility (COFR)</b> No Change	USCG					
<b>Passenger Ship Safety (PSS)</b> No Change						
<b>International Load Line (ILL)</b> No Change						
<b>International Oil Pollution Prevention (IOPP)</b> No Change						

### Requiring Corrective Measures Prior to Entry



Examples include the following:

- Leaking tanks.
- Carrying dangerous cargoes with expired documents.
- Carrying incompatible cargoes.
- Invalid ISM certificates.
- COFR not on board.

**Involved Parties & General Information:**

Owner's Agent
Individual
Phone Number

Charterer's Agent
Individual
Phone Number
Same as Owner's Agent

Owner—Listed on DOC or COFR
No Change

Operator
No Change

Notes: \_\_\_\_\_

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Notes: \_\_\_\_\_

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**Total Time Spent Per Activity:**

Regular Personnel (Active Duty)			
ACTIVITY TYPE	ACTIVITY	TRAINING	(PERS) MI

TOTAL ADMIN HOURS	TOTAL TRAVEL HOURS
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Reserve Personnel			
ACTIVITY TYPE	ACTIVITY	TRAINING	(PERS) MI

TOTAL ADMIN HOURS	TOTAL TRAVEL HOURS
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Auxiliary Resources	
TOTAL BOAT HOURS	TOTAL AIRCRAFT HOURS

**Conversions:**

Distance and Energy				
Kilowatts (kW)	X	1.341	=	Horsepower (hp)
Feet (ft)	X	3.281	=	Meters (m)
Long Ton (LT)	X	.98421	=	Metric Ton (t)
Liquid (NOTE: Values are approximate.)				
Liquid	bbl/LT	m <sup>3</sup> /t	bbl/m <sup>3</sup>	bbl/t
Freshwater	6.40	1.00	6.29	6.29
Saltwater	6.24	.975	6.13	5.98
Heavy Oil	6.77	1.06	6.66	7.06
DFM	6.60	1.19	7.48	8.91
Lube Oil	7.66	1.20	7.54	9.05
Weight				
1 Long Ton	=	2240 lbs	1 Metric Ton	= 2204 lbs
1 Short Ton	=	2000 lbs	1 Cubic Foot	= 7.48 gal
1 Barrel (oil)	=	5.61 ft = 42 gal = 6.29 m <sup>3</sup>	1 psi	= .06895 Bar = 2.3106 ft of water
Temperature: Fahrenheit = Celsius (°F = 9/5 °C + 32 and °C = 5/9 (°F – 32))				
0	=	-17.8	80	= 26.7
32	=	0	90	= 32.2
40	=	4.4	100	= 37.8
50	=	10.0	110	= 43.3
60	=	15.6	120	= 48.9
70	=	21.1	150	= 65.6
200	=	93.3	250	= 121.1
300	=	148.9	400	= 204.4
500	=	260	1000	= 537.8
Pressure: Bars = Pounds per square inch				
1 Bar	=	14.5 psi	5 Bars	= 72.5 psi
2 bars	=	29.0 psi	6 Bars	= 87.0 psi
3 Bars	=	43.5 psi	7 Bars	= 101.5 psi
4 Bars	=	58.0 psi	8 Bars	= 116.0 psi
9 Bars	=	130.5 psi	10 Bars	= 145.0 psi